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Sales Engineering Bulletin

Norton Company, Grinding Machine Division, Worcester, Mass., U. S. A.

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New Style Water Deflectors

After thorough trial in our own factory and in several plants in the Middle West a new style water deflector has been adopted for all Norton cylindrical grinding machines.

Figure #1 shows the new deflector for a 2" face wheel; other sizes are available for any width grinding wheel.

Because of the extensive use of the Pratt grinding gauge for many operations, a somewhat different deflector is available. This is shown in Figure #2.

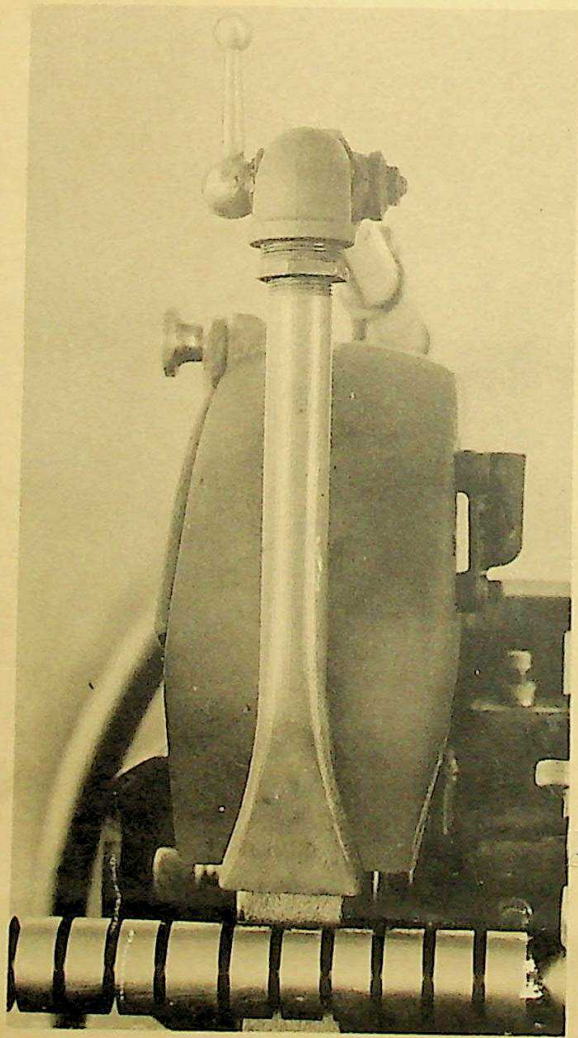

Figure 1 - N-1728

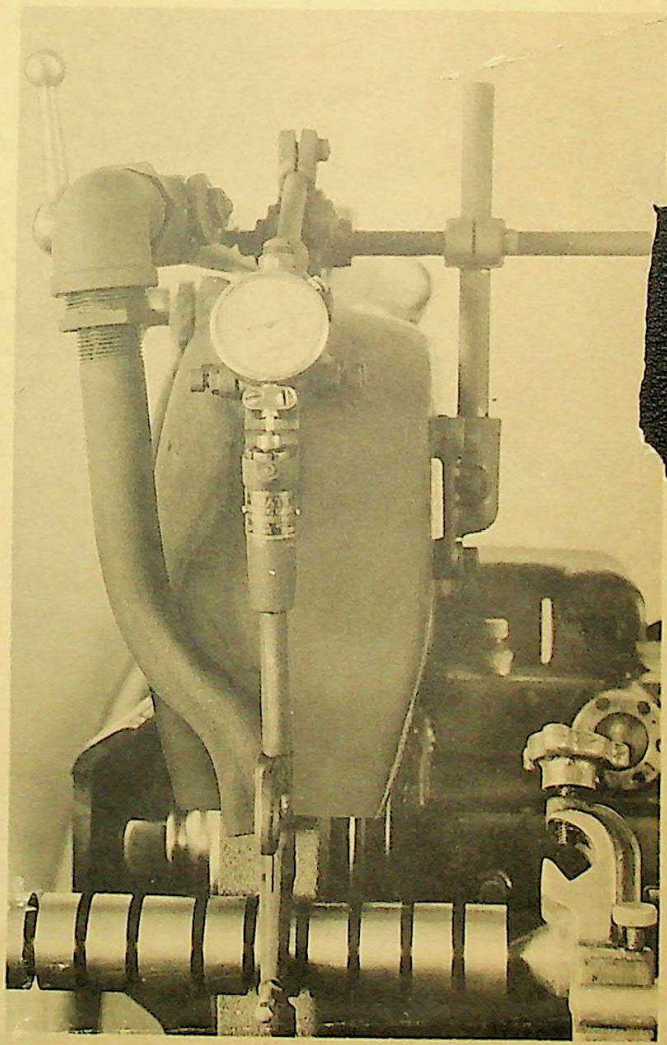

Figure 2 - N-1727

When our present stock of old style deflectors is exhausted all new grinding machines will be supplied with the new style. Old machines now in the field can also use this new style deflector. Repair part orders should give the following information:

1. Size and serial number of the machine.
2. Size of grinding wheel.
3. State whether wheel guard is of cast iron or of pressed steel.

Some earlier machines were equipped with 1" and some with 1¼" water pipes. Also, machines with pressed steel guards were supplied with water pipes of a different size from those supplied with cast iron guards. Therefore, in order to avoid delay in supplying the new style, the above information should accompany every order for a new style water deflector.

A number of advantages are claimed for the new style:

1. Appearance - a decided improvement over the older style.
2. More efficient distribution of grinding fluid.
3. Only one part.
4. Less expensive.

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